

INTELLECTUAL PROPERTY LAW
8110 GATEHOUSE ROAD
SUITE 500 EAST
FALLS CHURCH, VA 22042-1210
U S A
(703) 205-8000

FAX: (703) 205-8050 (703) 698-8590 (G IV)

e-mail: mailroom@bskb.com web: http://www.bskb.com

CALIFORNIA OFFICE: COSTA MESA, CALIFORNIA THOMAS S. AUCHTERLONE
JAMES T. ELLER, JR.
SCOTT L. LOWE
MARK J. NUELL, Ph.D.
D. RICHARD ANDERSON
PAUL C. LEWIS
MARK W. MILSTEAD\*
RICHARD J. GALLAGHER
JAYNE M. SAYDAH\*

REG. PATENT AGENTS:
FREDERICK R. HANDREN THE MARYANNE ARMSTRONG, Ph.D. MAKI HATSUMI MIKE S. RYU
CRAIG A. MCROBBIE
GARTH M. DAHLEN, Ph.D. LAURA C. LUTZ
ROBERT E. GOOZNER, Ph.D. HYUNG N. SOHN
MATTHEW J. LATTIG
ALAN PEDERSEN-GILES
C. KEITH MONTGOMERY
TIMOTHY R. WYCKOFF
KRISTI L. RUPERT, Ph.D.
LARRY J. HUME
ALBERT LEE
HRAYR A. SAYADIAN, Ph.D.

OF COUNSEL:
HERBERT M. BIRCH (1905-1996)
ELLIOT A. GOLDBERG\*
WILLIAM L. GATES\*
EDWARD H. VALANCE
RUPERT J. BRADY (RET.)\*
F. PRINCE BUTLER
FRED S. WHISENHUNT
\*ADMITTED TO A BAR OTHER THAN VA.

Œ

เก

TERRELL C. BIRCH
RAYMOND C. STEWART
OSEPH A. KOLASCH
LAZES M. SLATTERY
HNARD L. SWEENEY
MICHAEL K. MUTTER
GHARLES GORENSTEIN
GERALD M. MURPHY, JR.
LEONARD R. SVENSSON
TERRY L. CLARK

LEONARD R. SVENSSON TERRY L. CLARK ANDREW D. MEIKLE MARC S. WEINER JOE MCKINNEY MUNCY ROBERT J. KENNEY DONALD J. DALEY JOHN W. BAILEY JOHN A. CASTELLANO, III GARY D. YACURA

Date: September 22, 2000

Docket No.: 717-445P

# BOX PATENT APPLICATION

Assistant Commissioner for Patents Washington, DC 20231

#### Sir:

As authorized by the inventor(s), transmitted herewith for filing is a patent application applied for on behalf of the inventor(s) according to the provisions of 37 C.F.R. \$ 1.41(c).

Inventor(s): KAWANISHI, Hidenori; INOOKA, Toshihiro;

SHIMONAKA, Atsushi; KUMATANI, Keiji

For: SEMICONDUCTOR LASER DEVICE, OPTICAL TRANSMISSION

DEVICE, OPTICAL TRANSMISSION SYSTEM, ELECTRONIC DEVICE, CONTROL DEVICE, CONNECTOR, COMMUNICATION DEVICE, AND OPTICAL TRANSMISSION AND DATA

TRANSMISSION AND RECEPTION METHOD

### Enclosed are:

A specification consisting of One-hundred seventeen (117) pages

▼ Twenty (20) sheet(s) of formal drawings

Executed Declaration in accordance with 37 C.F.R. § 1.64 will follow

A statement to establish small entity status under 37 C.F.R. § 1.9 and 37 C.F.R. § 1.27

|             | Preliminary | Amendment  |            |          |     |              |
|-------------|-------------|------------|------------|----------|-----|--------------|
| $\boxtimes$ | Information | Sheet      |            |          |     |              |
|             | Information | Disclosure | Statement, | PTO-1449 | and | reference(s) |
|             | Other:      |            |            |          |     |              |

The filing fee has been calculated as shown below:

|                                     |                 |                 | LARGE           | ENTITY | SMALL       | ENTITY |
|-------------------------------------|-----------------|-----------------|-----------------|--------|-------------|--------|
| BASIC                               |                 | FEE             | \$690.00        |        | \$345.00    |        |
|                                     | NUMBER<br>FILED | NUMBER<br>EXTRA | RATE            | FEE    | RATE        | FEE    |
| TOTAL<br>CLAIMS                     | 54-20=          | 34              | x 18 = \$612.00 |        | x 9=        |        |
| INDEPENDENT<br>CLAIMS               | 7-3=            | 4               | x 78 = \$312.00 |        | x39= \$0.00 |        |
| MULTIPLE DEPENDENT CLAIMS PRESENTED |                 |                 | + \$260.00      |        | + \$130.00  |        |
|                                     |                 | TOTAL           | \$1,614.00      |        | \$0.00      |        |

- The application transmitted herewith is filed in accordance with 37 C.F.R. § 1.41(c). The undersigned has been authorized by the inventor(s) to file the present application. The original duly executed declaration together with the surcharge will be forwarded in due course.
- $\boxtimes$  A check in the amount of \$1,614.00 to cover the filing fee is enclosed.
- Please charge Deposit Account No. 02-2448 in the amount of \$0.00. A triplicate copy of this transmittal form is enclosed.
- Please send correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 2292 P.O. Box 747

Falls Church, VA 22040-0747 Telephone: (703) 205-8000 If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

ВУ\_\_\_\_\_

P.O. Box 747

Donald J. Daley

Falls Church, VA (703) 205-8000

#34,313

22040-0747

DJD/cqc 717-445P

Attachments

(Rev. 04/19/2000)



## IN THE U.S. PATENT AND TRADEMARK OFFICE

## INFORMATION SHEET

Applicant:

KAWANISHI, Hidenori; INOOKA, Toshihiro;

SHIMONAKA, Atsushi; KUMATANI, Keiji

Appl. No.:

New

Filed:

September 22, 2000

For:

SEMICONDUCTOR LASER DEVICE, OPTICAL TRANSMISSION DEVICE, OPTICAL TRANSMISSION SYSTEM, ELECTRONIC DEVICE CONTROL DEVICE, CONNECTOR, COMMUNICATION DEVICE, AND OPTICAL TRANSMISSION AND DATA

TRANSMISSION AND RECEPTION METHOD

Priority Claimed:

Japan

11-271455

September 24, 1999

Japan

2000-284426

September 19, 2000

Send Correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or **CUSTOMER NO. 2292** P.O. Box 747

Falls Church, VA 22040-0747

(703) 205-8000

The above information is submitted to advise the U.S.P.T.O. of all relevant facts in connection with the present application.

A timely executed Declaration in accordance with 37 C.F.R. \$ 1.64 will follow.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

Donald J. Daley

#34,313

P.O. Box 747

Falls Church, VA 22040-0747

(703) 205-8000

DJD/cqc 717-445P

(Rev. 04/19/2000)